

After the paragraph added at Page 3, line 22, in the amendment filed June 14, 2002, and before the heading "Description of the preferred embodiment" and the paragraph beginning at Page 3, line 23, insert the following paragraphs:

--FIG. 4 illustrates a stator with a single winding on each tooth.

FIG. 5 is a schematic exploded view of two stator sections of an induction motor according to an embodiment of the present invention.--.

Replace the paragraph beginning at page 3, line 34, with the following:

--The yoke sections 4 and 5 are physically phase shifted by $180^\circ \pm$ an angle that is related to skew (not shown). Their electrical supplies are also shifted by 180° electrical as seen in FIGS. 1 and 5 wherein the electrical supply $V_{\theta+180}$ of a second stator section is positioned differently from the electrical supply V_θ of a first stator section. Preferably, the electrical supply of every tooth of a first set the stator sections is shifted 180° electrical relative to the electrical supply of every tooth of a second set of stator sections. FIG. 3 illustrates the electrical supplies connected to stator sections 1 and 2 and mutually phase shifted 180° electrical. Further, the stator sections 2 and 3 are separated by a small air gap 10 so as to reduce the mutual influence of the magnetic fields in the two stator sections 2 and 3.--.